

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Cancelled)
2. (Currently Amended) An inkjet recording medium, obtained by coating an additive on the surface of a substrate or introducing the additive to the interior of the substrate, wherein the additive comprises a cationic resin as a principal component, which resin is obtained by the reaction of at least a secondary amine, an ammonia, an epihalohydrin and a cross-linking ~~agent~~ compound with two or more cross-linking functional groups, said resin having a cross-linked structure.
3. (Currently Amended) An inkjet recording medium, wherein a recording medium is formed by providing an ink absorption layer on a substrate surface, said surface having poor ink absorption properties, and an additive is contained in said ink absorption layer, wherein the additive comprises a cationic resin as a principal component, which resin is obtained by the reaction of at least a secondary amine, an ammonia, an epihalohydrin and a cross-linking ~~agent~~ compound with two or more cross-linking functional groups, said resin having a cross-linked structure.
4. (Previously Presented) The inkjet recording medium as defined in Claim 2, wherein the substrate is a coated paper comprising a recording layer suitable for recording by a water-based ink on the substrate surface.
5. (Previously Presented) The inkjet recording medium as defined in Claim 4, wherein the coated paper is impregnated by a solution containing the additive having the cationic resin as a principal component.
6. (Previously Presented) The inkjet recording medium as defined in Claim 4, wherein the coated paper is manufactured from a pulp slurry containing the additive having the cationic resin as a principal component.

7. (Cancelled)
8. (Previously Presented) An ink jet recording medium as defined in Claim 2, wherein the weight average molecular weight of the cationic resin obtained is 10,000-500,000.
9. (Previously Presented) An ink jet recording medium as defined in Claim 2, wherein the ratio of secondary amine: ammonia: epihalohydrin: crosslinking agent to prepare the cationic resin is 1: (0.01-2) : (0.5-2.5) : (0.00005-0.5).
10. (Previously Presented) An ink jet recording medium as defined in Claim 2, wherein the crosslinking agent comprises at least one compound with two or more aldehyde groups, epoxy groups or isocyanate groups.
11. (Previously Presented) An ink jet recording medium as defined in Claim 10, wherein the crosslinking agent comprises at least one multifunctional epoxy compound.
12. (Previously Presented) An inkjet recording medium as defined in Claim 2, wherein the secondary amine is a dialkylamine, a dimethylamine, a diethylamine, or an ethyl monomethylamine.
13. (Previously Presented) An inkjet recording medium as defined in Claim 2, wherein the epihalohydrin is epichlorohydrin, epiodohydrin, or epibromohydrin.
14. (Previously Presented) An inkjet recording medium as defined in Claim 2, wherein the crosslinking agent comprises polyethylene glycol diglycidyl ether, polypropylene glycol diglycidyl ether, polytetramethylene glycol diglycidyl ether, polybutadiene diglycidyl ether, resorcinol diglycidyl ether, neopentylglycol diglycidyl ether, 1, 6-hexanediol diglycidyl ether, bisphenol A diglycidyl ether, bisphenol F diglycidyl ether, bisphenol A polyethylene glycol diglycidyl ether, bisphenol A polypropyleneglycol diglycidyl ether, hydrated bisphenol A diglycidyl ether, hydroquinone diglycidyl ether, terephthalic acid diglycidyl ether, sorbitol polyglycidyl ether,

polyglycerol polyglycidyl ether, pentaerythritolpolyglycidyl ether, diglyceroylpolyglycidyl ether, glycerolpolyglycidyl ether, or trimethylolpropane polyglycidyl ether.

15. (Cancelled)

16. (Previously Presented) An inkjet recording medium according to claim 2, wherein the substrate is a sheet substrate.

17. (Previously Presented) The inkjet recording medium as defined in Claim 2, wherein the substrate is paper.

18. (Previously Presented) The inkjet recording medium as defined in Claim 17, wherein the paper is impregnated by a solution containing the additive having the cationic resin as a principal component.

19. (Previously Presented) The inkjet recording medium as defined in Claim 17, wherein the paper is manufactured from a pulp slurry containing the additive having the cationic resin as a principal component.

20. (Previously Presented) An ink jet recording medium as defined in Claim 2, wherein the ratio of secondary amine: ammonia: epihalohydrin: crosslinking agent to prepare the cationic resin is 1: (0.02-1) : (0.8-2.2) : (0.0001-0.01).

21. (Previously Presented) An inkjet recording medium according to claim 2, wherein the resin is obtained by mixing a secondary amine and an ammonia together, followed by the addition of an epihalohydrin and a cross-linking agent.

22. (Previously Presented) An inkjet recording medium according to claim 2, wherein the additive consists essentially of a cationic resin.

23. (Previously Presented) An inkjet recording medium according to claim 2, wherein the

additive consists of a cationic resin.

24. (Previously Presented) An ink jet recording medium as defined in Claim 3, wherein the ratio of secondary amine: ammonia: epihalohydrin: crosslinking agent to prepare the cationic resin is 1: (0.02-1) : (0.8-2.2) : (0.0001-0.01).

25. (Previously Presented) An inkjet recording medium according to Claim 3, wherein the resin is obtained by mixing a secondary amine and an ammonia together, followed by the addition of an epihalohydrin and a cross-linking agent.

26. (Previously Presented) An inkjet recording medium according to Claim 3, wherein the additive consists essentially of a cationic resin.

27. (Previously Presented) An inkjet recording medium according to Claim 3, wherein the additive consists of a cationic resin.